

1 Amendments to the claims:

2 Claims 1 thru 26 cancel.

3
4 27. (New) A simplified "T" interchange design consisting of:

5 a first road surface for traffic moving in a left to right
6 direction, said first road surface having two lanes for traffic
7 moving in said left to right direction;

8 a second road surface for traffic moving in a right to left
9 direction, said second road surface having two lanes for traffic
10 moving in said right to left direction;

11 an open space between said first road surface and said second
12 road surface, said open space substantially forming a median;

13 a third road surface for traffic intending to connect onto
14 said first road surface and said second road surface; said third
15 road surface having two lanes for traffic; said third road surface
16 having one lane for traffic moving toward said first road surface
17 and said second road surface; said third road surface having one
18 lane for traffic moving away from said first road surface and said
19 second road surface; said third road surface having a terminated
20 end that is located within said median between said first road
21 surface and said second road surface;

22 a bridge located on said first road surface substantially
23 where said first road surface intersects said third road surface,
24 said bridge configured so that two lanes of traffic traveling on
25 said first road surface pass over said bridge, and above said

1 third road surface; said bridge configured so that two lanes of
2 traffic traveling on said third road surface pass under said
3 bridge, and under said first road surface;

4 an exit ramp that exits from said second road surface and
5 travels through said median and connects onto said terminated end
6 of said third road surface;

7 an on ramp that originates from said terminated end of said
8 third road surface and travels through said median and connects
9 onto said second road surface;

10 an exit ramp that exits from said first road surface and
11 connects onto said third road surface;

12 an on ramp that originates from said third road surface and
13 connects onto said first road surface.

14
15 28.(new) The simplified "T" interchange design of claim 27
16 including a fence or a barrier that is located in said median
17 between said terminated end of said third road surface and said two
18 lanes of said second road surface.

19
20 29. (new) The simplified "T" interchange design of claim 27
21 including a traffic signal ,or stop sign for vehicles traveling on
22 said third road surface; said traffic signal ,or said stop sign
23 located at said terminated end of said third road surface
24 substantially where said third road surface meets said exit ramp

1 from said second road surface.

2
3 30. (New) The simplified "T" interchange design of claim 27
4 including a traffic signal ,or stop sign for vehicles traveling on
5 said exit ramp from said second road surface; said traffic signal,
6 or said stop sign located substantially where said exit ramp from
7 said second road surface meets said terminated end of said third
8 road surface.

9
10 31. (New) The simplified "T" interchange design of claim 27 wherein
11 said bridge is an arched bridge.

12
13 32. (New) The simplified "T" interchange design of claim 27 wherein
14 said first road surface has an up ramp to said bridge and a down
15 ramp from said bridge.

16
17 33. (New) A simplified "T" interchange design comprising:

18 a first road surface for traffic moving in a left to right
19 direction, said first road surface having two lanes for traffic
20 moving in said left to right direction;

21 a second road surface for traffic moving in a right to left
22 direction, said second road surface having two lanes for traffic
23 moving in said right to left direction;

24 an open space between said first road surface and said second

1 road surface, said open space substantially forming a median;

2 a third road surface for traffic intending to connect onto

3 said first road surface and said second road surface; said third

4 road surface having two lanes for traffic; said third road surface

5 having one lane for traffic moving toward said first road surface

6 and said second road surface; said third road surface having one

7 lane for traffic moving away from said first road surface and said

8 second road surface; said third road surface having a terminated

9 end that is located within said median between said first road

10 surface and said second road surface;

11 a bridge located on said first road surface substantially

12 where said first road surface intersects said third road surface,

13 said bridge configured so that two lanes of traffic traveling on

14 said first road surface pass over said bridge, and above said

15 third road surface; said bridge configured so that two lanes of

16 traffic traveling on said third road surface pass under said

17 bridge, and under said first road surface;

18 an exit ramp that exits from said second road surface and

19 travels through said median and connects onto said terminated end

20 of said third road surface;

21 an on ramp that originates from said terminated end of said

22 third road surface and travels through said median and connects

23 onto said second road surface;

24 an exit ramp that exits from said first road surface and

1 connects onto said third road surface;

2 an on ramp that originates from said third road surface and
3 connects onto said first road surface.

4
5 34.(new) The simplified "T" interchange design of claim 33
6 including a fence or a barrier that is located in said median
7 between said terminated end of said third road surface and said two
8 lanes of said second road surface.

9
10 35. (New) The simplified "T" interchange design of claim 33
11 including a traffic signal ,or stop sign for vehicles traveling on
12 said third road surface; said traffic signal ,or said stop sign
13 located at said terminated end of said third road surface
14 substantially where said third road surface meets said exit ramp
15 from said second road surface.

16
17 36. (new) The simplified "T" interchange design of claim 33
18 including a traffic signal ,or stop sign for vehicles traveling on
19 said exit ramp from said second road surface; said traffic signal,
20 or said stop sign located substantially where said exit ramp from
21 said second road surface meets said terminated end of said third
22 road surface.

23
24 37. (New) The simplified "T" interchange design of claim 33 wherein

1 said bridge is an arched bridge.

2
3 38. (New) The simplified "T" interchange design of claim 33 wherein
4 said first road surface has an up ramp to said bridge and a down
5 ramp from said bridge.

6
7 39. (New) A simplified "T" interchange design comprising:

8 a first road surface for traffic moving in a left to right
9 direction, said first road surface having two lanes for traffic
10 moving in said left to right direction;

11 a second road surface for traffic moving in a right to left
12 direction, said second road surface having two lanes for traffic
13 moving in said right to left direction;

14 an open space between said first road surface and said second
15 road surface, said open space substantially forming a median;

16 a third road surface for traffic intending to connect onto
17 said first road surface and said second road surface; said third
18 road surface having two lanes for traffic; said third road surface
19 having one lane for traffic moving toward said first road surface
20 and said second road surface; said third road surface having one
21 lane for traffic moving away from said first road surface and said
22 second road surface; said third road surface having a terminated
23 end that is located within said median between said first road
24 surface and said second road surface;

1 a bridge located on said third road surface substantially
2 where said third road surface intersects said first road surface,
3 said bridge configured so that two lanes of traffic traveling on
4 said third road surface pass over said bridge, and above said
5 first road surface; said bridge configured so that two lanes of
6 traffic traveling on said first road surface pass under said
7 bridge, and under said first road surface;

8 an exit ramp from said second road surface that travels
9 through said median and connects onto said terminated end of said
10 third road surface;

11 an on ramp from said terminated end of said third road surface
12 that travels through said median and connects onto said second
13 road surface;

14 an exit ramp from said first road surface that connects onto
15 said third road surface;

16 an on ramp from said third road surface that connects onto
17 said first road surface.

18
19 40.(new) The simplified "T" interchange design of claim 39
20 including a fence or a barrier that is located in said median
21 between said terminated end of said third road surface and said two
22 lanes of said second road surface.

23
24 41. (New) The simplified "T" interchange design of claim 39

1 including a traffic signal ,or stop sign for vehicles traveling on
2 said third road surface; said traffic signal ,or said stop sign
3 located at said terminated end of said third road surface
4 substantially where said third road surface meets said exit ramp
5 from said second road surface.

6
7 42. (new) The simplified "T" interchange design of claim 39
8 including a traffic signal ,or stop sign for vehicles traveling on
9 said exit ramp from said second road surface; said traffic signal,
10 or said stop sign located substantially where said exit ramp from
11 said second road surface meets said terminated end of said third
12 road surface.